PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Docket No: Q78646

Toshihiko OKAMURA, et al.

Appln. No.: Unknown

Confirmation No.: Unkown Group Art Unit: Unknown

Filed: November 26, 2003 Examiner: Unknown

For: ERROR CORRECTING CODE DECODING DEVICE, PROGRAM AND METHOD

USED IN THE SAME

<u>UNDER 37 C.F.R. §§ 1.97 and 1.98</u>

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

- 1. D. MacKay, "Good Error-Correcting Codes Based on Very Sparse Matrices", IEEE Transactions on Information Theory, Vol. 45, No. 2, (March 1999), pp. 399-431 with Abstract.
- 2. E. Boutillon et al., "Decoder-First Code Design", 2nd International Symposium on Turbo Codes and Related Topics, (2000), pp. 459-462 with Abstract.

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INFORMATION DISCLOSURE STATEMENT

The present Information Disclosure Statement is being filed: (1) No later than three

months from the application's filing date; (2) Before the mailing date of the first Office Action

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement

under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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& Inde dela

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Date: November 26, 2003

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Substitute for Form 1449 A & B/F 10				Application Number	Unknown	•	
INFORMATION DISCLOSURE				Confirmation Number	Unknown		
STATEMENT BY APPLICANT			ANT	Filing Date	November 26, 2003		
				First Named Inventor	Toshihiko OKAMURA		
(use as many sheets as necessary)				Art Unit	Unknown		
·	•			Examiner Name	Unknown		
Sheet	1	of	1	Attorney Docket Number	Q78646	•	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document N	lumber			
		Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		US				
		US				
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FOREIGN PATENT DOCUMENTS							
Examiner C Initials* N	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	
	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
				<u> </u>			

NON PATENT LITERATURE DOCUMENTS					
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			
		D. MacKay, "Good Error-Correcting Codes Based on Very Sparse Matrices", IEEE Transactions on			
		Information Theory, Vol. 45, No. 2, (March 1999), pp. 399-431 with Abstract.			
		E. Boutillon et al., "Decoder-First Code Design", 2 nd International Symposium on Turbo Codes and Related			
		Topics, (2000), pp. 459-462 with Abstract.			

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.